

***** STN Columbus *****

NOT ALL FILES ARE AVAILABLE AT THIS TIME. ENTER 'HELP FILE UNAVAILABLE'
TO SEE THE LIST OF UNAVAILABLE FILES.

FILE 'HOME' ENTERED AT 16:55:35 ON 23 MAY 2006

=> index all

FILE 'ALUMINIUM' IS TEMPORARILY UNAVAILABLE

ENTER A FILE NAME OR (IGNORE):ignore

FILE 'ENCOMPLIT2' ACCESS NOT AUTHORIZED

FILE 'ENCOMPAT2' ACCESS NOT AUTHORIZED

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

INDEX '1MOBILITY, 2MOBILITY, ABI-INFORM, ADISCTI, AEROSPACE, AGRICOLA, ANABSTR,
ANTE, APOLLIT, AQUALINE, AQUASCI, AQUIRE, BABS, BIBLIODATA, BIOENG,
BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CAOLD, CAPLUS, CASREACT,
CBNB, CEABA-VTB, CERAB, CHEMINFORMRX, ...' ENTERED AT 16:55:47 ON 23 MAY 2006

136 FILES IN THE FILE LIST IN STNINDEX

Enter SET DETAIL ON to see search term postings or to view
search error messages that display as 0* with SET DETAIL OFF.

=> s (nucleic or oligonucleotide or polynucleotide or DNA or RNA) (p) (label? or conjugat?) (p) na
1 FILE ABI-INFORM
10 FILE ANABSTR
0* FILE ANTE
1* FILE APOLLIT
0* FILE AQUALINE
3* FILE BABS
0* FILE BIBLIODATA
7* FILE BIOENG
25 FILE BIOSIS

<-----User Break----->

=> s (nucleic or oligonucleotide or polynucleotide or DNA or RNA) (10a) (label? or conjugat?) (10a)
2 FILE ANABSTR
1 FILE BABS
2 FILE BIOSIS
8 FILE BIOTECHABS
17 FILES SEARCHED...
8 FILE BIOTECHDS
3 FILE BIOTECHNO
20 FILE CAPLUS
1 FILE CASREACT
1 FILE CEABA-VTB
26 FILES SEARCHED...
4 FILE COMPENDEX
1 FILE CONFSCI

<-----User Break----->

=> file caplus biosis

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

4.88

5.09

FILE 'CAPLUS' ENTERED AT 17:00:17 ON 23 MAY 2006
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
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FILE 'BIOSIS' ENTERED AT 17:00:17 ON 23 MAY 2006
Copyright (c) 2006 The Thomson Corporation

=> s (nucleic or oligonucleotide or polynucleotide or DNA or RNA) (10a) (label? or conjugat?) (10a)
L1 22 (NUCLEIC OR OLIGONUCLEOTIDE OR POLYNUCLEOTIDE OR DNA OR RNA)
(10A) (LABEL? OR CONJUGAT?) (10A) NANOPARTICLE (10A) (SEVERAL

OR MULTIPL? OR DUAL OR DOUBL?)

=> dup remove l1

PROCESSING COMPLETED FOR L1

L2 20 DUP REMOVE L1 (2 DUPLICATES REMOVED)

=> d ti 1-20

L2 ANSWER 1 OF 20 CAPLUS COPYRIGHT 2006 ACS on STN
TI Photoelectrochemical Oxidation of DNA by Ruthenium Tris(bipyridine) on a Tin Oxide Nanoparticle Electrode

L2 ANSWER 2 OF 20 CAPLUS COPYRIGHT 2006 ACS on STN
TI Localization of laser energy conversion by metal nanoparticles: basic effects and applications

L2 ANSWER 3 OF 20 CAPLUS COPYRIGHT 2006 ACS on STN
TI Glass-bead-based parallel detection of DNA using composite raman labels

L2 ANSWER 4 OF 20 CAPLUS COPYRIGHT 2006 ACS on STN
TI Gold nanostructures for DNA conjugation and radiation enhancement

L2 ANSWER 5 OF 20 CAPLUS COPYRIGHT 2006 ACS on STN
TI Magnetic nanoparticles comprising metals and semiconductor atoms conjugated to siRNA or microRNA for diagnosis and therapy of diseases

L2 ANSWER 6 OF 20 CAPLUS COPYRIGHT 2006 ACS on STN
TI SERRS beacon dual labeled oligonucleotide probes for nucleic acid sequence identification and diagnostic applications

L2 ANSWER 7 OF 20 CAPLUS COPYRIGHT 2006 ACS on STN
TI Nanoparticle-DNA conjugates bearing a specific number of short DNA strands by enzymatic manipulation of nanoparticle-bound DNA

L2 ANSWER 8 OF 20 CAPLUS COPYRIGHT 2006 ACS on STN
TI Trends in the analytical transduction of bioaffinity based molecular recognition events

L2 ANSWER 9 OF 20 CAPLUS COPYRIGHT 2006 ACS on STN
TI Model and experiment of detecting multiple magnetic nanoparticles as biomolecular labels by spin valve sensors

L2 ANSWER 10 OF 20 CAPLUS COPYRIGHT 2006 ACS on STN
TI DNA-Based Programmed Assembly of Gold Nanoparticles on Lithographic Patterns with Extraordinary Specificity

L2 ANSWER 11 OF 20 CAPLUS COPYRIGHT 2006 ACS on STN
TI Amplified electrical transduction of DNA hybridization based on polymeric beads loaded with multiple gold nanoparticle tags

L2 ANSWER 12 OF 20 CAPLUS COPYRIGHT 2006 ACS on STN
TI Sequence-specific electrochemical recognition of multiple species using nanoparticle labels

L2 ANSWER 13 OF 20 CAPLUS COPYRIGHT 2006 ACS on STN
TI Nanoparticle probes: the next generation molecular diagnostic indicators

L2 ANSWER 14 OF 20 CAPLUS COPYRIGHT 2006 ACS on STN
TI Raman-dye-labeled nanoparticle probes for DNA, RNA and protein detection

L2 ANSWER 15 OF 20 CAPLUS COPYRIGHT 2006 ACS on STN
TI Raman-dye-labeled nanoparticle probes for DNA, RNA and Protein Detection

L2 ANSWER 16 OF 20 CAPLUS COPYRIGHT 2006 ACS on STN
TI Nanoparticles with Raman spectroscopic fingerprints for DNA and RNA detection

L2 ANSWER 17 OF 20 CAPLUS COPYRIGHT 2006 ACS on STN DUPLICATE 1
TI ***Multiple*** thiol-anchor capped ***DNA*** -gold
nanoparticle ***conjugates***

L2 ANSWER 18 OF 20 CAPLUS COPYRIGHT 2006 ACS on STN DUPLICATE 2

TI Nanoparticles with Raman spectroscopic fingerprints for DNA and RNA detection

L2 ANSWER 19 OF 20 CAPLUS COPYRIGHT 2006 ACS on STN
TI ***Oligonucleotide*** - ***nanoparticle*** ***conjugates*** with
multiple anchor groups

L2 ANSWER 20 OF 20 CAPLUS COPYRIGHT 2006 ACS on STN
TI Fullerene-oligonucleotide conjugates: photoinduced sequence-specific DNA cleavage, interaction with poly(alkylcyanoacrylate) nanoparticles and biological activity

=> d bib kwic 6 11

L2 ANSWER 6 OF 20 CAPLUS COPYRIGHT 2006 ACS on STN
AN 2005:182910 CAPLUS
DN 142:274986
TI SERRS beacon dual labeled oligonucleotide probes for nucleic acid sequence identification and diagnostic applications
IN Graham, Duncan; Smith, William Ewen; Fruk, Ljiljana
PA University of Strathclyde, UK
SO PCT Int. Appl., 70 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----		-----	-----	-----
PI	WO 2005019812	A1	20050303	WO 2004-GB3671	20040826
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
	RW:	BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			

PRAI GB 2003-19949 A 20030826
OS MARPAT 142:274986
RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

IT Films
Nanoparticles
(immobilization support; SERRS beacon ***dual*** ***labeled***
oligonucleotide probes for ***nucleic*** acid sequence
identification and diagnostic applications)

IT 77-92-9D, reaction products with silver 7440-22-4D, Silver, reaction products with citrate
RL: ARU (Analytical role, unclassified); DEV (Device component use); ANST (Analytical study); USES (Uses)
(***nanoparticles*** ; SERRS beacon ***dual*** ***labeled***
oligonucleotide probes for ***nucleic*** acid sequence
identification and diagnostic applications)

L2 ANSWER 11 OF 20 CAPLUS COPYRIGHT 2006 ACS on STN
AN 2004:124191 CAPLUS
DN 141:170119
TI Amplified electrical transduction of DNA hybridization based on polymeric beads loaded with multiple gold nanoparticle tags
AU Abdel-Nasser, Kawde; Wang, Joseph
CS Department of Chemistry and Biochemistry, New Mexico State University, Las Cruces, NM, 88003, USA
SO Electroanalysis (2004), 16(1-2), 101-107
CODEN: ELANEU; ISSN: 1040-0397
PB Wiley-VCH Verlag GmbH & Co. KGaA
DT Journal
LA English
RE.CNT 16 THERE ARE 16 CITED REFERENCES AVAILABLE FOR THIS RECORD

ALL CITATIONS AVAILABLE IN THE RE FORMAT

IT 7440-57-5, Gold, analysis
RL: ARU (Analytical role, unclassified); ANST (Analytical study)
(biotin- ***labeled*** ; amplified elec. transduction of ***DNA***
hybridization based on polymeric beads loaded with ***multiple***
gold ***nanoparticle*** tags)

=> d bib 14

L2 ANSWER 14 OF 20 CAPLUS COPYRIGHT 2006 ACS on STN
AN 2003:666562 CAPLUS
TI Raman-dye-labeled nanoparticle probes for DNA, RNA and protein detection
AU Mirkin, Chad A.; Cao, Y. Charles; Jin, Rongchao
CS Department of Chemistry and Institute for Nanotechnology, Northwestern
University, Evanston, IL, 60208, USA
SO PMSE Preprints (2003), 89, 126
CODEN: PPMRA9; ISSN: 1550-6703
PB American Chemical Society
DT Journal; (computer optical disk)
LA English

=> d bib kwic 17 19

L2 ANSWER 17 OF 20 CAPLUS COPYRIGHT 2006 ACS on STN DUPLICATE 1
AN 2002:317810 CAPLUS
DN 137:140724
TI ***Multiple*** thiol-anchor capped ***DNA*** -gold
nanoparticle ***conjugates***
AU Li, Zhi; Jin, Rongchao; Mirkin, Chad A.; Letsinger, Robert L.
CS Department of Chemistry and Institute for Nanotechnology, Northwestern
University, Evanston, IL, 60208, USA
SO Nucleic Acids Research (2002), 30(7), 1558-1562
CODEN: NARHAD; ISSN: 0305-1048
PB Oxford University Press
DT Journal
LA English
OS CASREACT 137:140724

RE.CNT 24 THERE ARE 24 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

TI ***Multiple*** thiol-anchor capped ***DNA*** -gold
nanoparticle ***conjugates***

L2 ANSWER 19 OF 20 CAPLUS COPYRIGHT 2006 ACS on STN
AN 2001:638227 CAPLUS
TI ***Oligonucleotide*** - ***nanoparticle*** ***conjugates*** with
multiple anchor groups
AU Li, Zhi; Jin, Rongchao; Mirkin, Chad A.; Letsinger, Robert L.
CS Chemistry Department and Center for Nanofabrication and Molecular
Self-assembly, Northwestern University, Evanston, IL, 60208, USA
SO Abstracts of Papers, 222nd ACS National Meeting, Chicago, IL, United
States, August 26-30, 2001 (2001), COLL-191 Publisher: American Chemical
Society, Washington, D. C.
CODEN: 69BUZP
DT Conference; Meeting Abstract
LA English
TI ***Oligonucleotide*** - ***nanoparticle*** ***conjugates*** with
multiple anchor groups